

November 15, 1945 Ten Cents

# MACLEAN'S

Canada's National



IN THIS ISSUE:

**THE MINE  
THAT SHOOK  
THE WORLD**





















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many months of living in almost complete isolation, dependent on parents. The treatment eventually proved to work. Thanks to the family's intense devotion to helping their son, and to the help of technology and therapy, many children are now living in the world.

But the future of epilepsy is not all rosy. The patient believes automatically and may even be misled by outward appearances. It is not easy to tell if a seizure is due to an epileptic seizure or to a seizure of the heart or to a seizure of the brain.

Brain "Waves" in a Chair

At this time, types of epilepsy have been divided into two main types: focal and generalized. Focal epilepsy is caused by the disturbance of the brain's electrical activity. It is characterized by a localized area of the brain that is the source of the seizure. The seizure is usually a brief, sudden, and involuntary contraction of the muscles. The seizure is usually a brief, sudden, and involuntary contraction of the muscles. The seizure is usually a brief, sudden, and involuntary contraction of the muscles.

Generalized epilepsy is caused by a disturbance of the brain's electrical activity. It is characterized by a generalized area of the brain that is the source of the seizure. The seizure is usually a brief, sudden, and involuntary contraction of the muscles. The seizure is usually a brief, sudden, and involuntary contraction of the muscles. The seizure is usually a brief, sudden, and involuntary contraction of the muscles.

Dr. William G. Lennox and his associates at Harvard Medical School have been studying the brain's electrical activity. They have found that the brain's electrical activity is not always normal. They have found that the brain's electrical activity is not always normal. They have found that the brain's electrical activity is not always normal.

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# The Truth About Epilepsy

# Man of Many Voices

By C. MONTE ROBERTS

**Mont Mercer (One-Man Cast) McLeod, first radio actor to tell a Canadian-recorded program for U. S. broadcasting**

Mont Mercer (One-Man Cast) McLeod, first radio actor to tell a Canadian-recorded program for U. S. broadcasting. Mercer is a Canadian actor who has been in the business for many years. He has been in the business for many years. He has been in the business for many years.

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By ROBERT H. FELDT, M.D.

More than 100,000 Canadians live with the victims of epilepsy, a disease as prevalent as diabetes or tuberculosis. About one out of every 100 has a predisposition to it.

The condition, but rarely of the cause and the cause of this major mental disorder is not clear. It is not clear if it is a genetic disorder or if it is a result of a brain injury. It is not clear if it is a genetic disorder or if it is a result of a brain injury.

Epilepsy is not a hereditary disease that must be passed on. It is not a hereditary disease that must be passed on. It is not a hereditary disease that must be passed on.

The disease, which can be a chronic condition, is not a hereditary disease that must be passed on. It is not a hereditary disease that must be passed on. It is not a hereditary disease that must be passed on.

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Major seizures can occur several times a day or once a year. They may be a result of a brain injury or a result of a brain disease. They may be a result of a brain injury or a result of a brain disease.

You Know It's Coming

The onset of a seizure is usually preceded by a warning sign, the first evidence of the electrical disturbance of the brain tissue. The onset of a seizure is usually preceded by a warning sign, the first evidence of the electrical disturbance of the brain tissue.

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Can we conquer epilepsy?  
Medical science, says this writer, has made immense strides toward taming this dreaded brain disease

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# INTERESTING FACTS ABOUT OIL

## HOW AN Oil Well Works

This is a picture of a typical Canadian oil well. It might be in Alberta's famous Turner Valley where the average well is about 8,000 feet deep. In other fields, wells under 500 feet deep have been drilled. When the first oil was struck in 1858, the wells were drilled with hand tools. The first oil well in Canada was drilled in 1858, the first in the United States in 1859.

### Two ways of drilling

There are two methods of drilling an oil well. One is the old-fashioned method, in which the drill is turned by hand. The other is the modern method, in which the drill is turned by a motor. The modern method is much faster and more accurate.

The rotary drill, shown in the left, was introduced in 1897. It is now the standard method of drilling. It is much faster and more accurate than the old-fashioned method. It is also much safer.

### The first wells

Before the drill came, people used a "dug" or "ditch" to get oil. This was a hole dug in the ground, and the oil was collected in a barrel. This method was very slow and inefficient.

The first wells were dug in 1858. They were very shallow, and the oil was collected in a barrel. This method was very slow and inefficient.

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Diagram of an oil well

oil in the drilling, but to the company and the operator who have covered the costs of drilling in the well.

### Why the work must go on

The oil produced in a well must be sold. If it is not sold, it will be lost. The oil must be sold to the refinery, which will then use it to make gasoline and other products.

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## 2 ways to weather a storm

RIGHT now, with the tax law coming down, and a bill in the House, you're probably asking how to get it. For a lucky few, there's certainly no good way to beat the storm of a new tax law. But for the millions of taxpayers who have to pay it, there's a way. It's a way that's been tried for years. It's a way that's been tried for years. It's a way that's been tried for years.

1. **Quaker State's free flow —** free money — means you get it, you get it, you get it. You get it, you get it, you get it. You get it, you get it, you get it. You get it, you get it, you get it.

2. **Quaker State's greater flow —** high "flow" — means you get it, you get it, you get it. You get it, you get it, you get it. You get it, you get it, you get it. You get it, you get it, you get it.

Every drop of Quaker State is made from pure Pennsylvania grade oil — a big plus in itself. And every drop is processed to give you the best possible oil.

Remember, this is the usual water for your car — the best possible car. So, look for that friendly, green-and-white sign — and here's the best possible oil — Quaker State's free flow and greater flow. Quaker State's free flow and greater flow. Quaker State's free flow and greater flow.



## Big Business Farmer

Continued from page 22

work and he had time to take his. For a lucky few, there's certainly no good way to beat the storm of a new tax law. But for the millions of taxpayers who have to pay it, there's a way. It's a way that's been tried for years. It's a way that's been tried for years.

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you pay, or forget, a dollar to half penny. The day is almost on its way, and the day is almost on its way. The day is almost on its way, and the day is almost on its way. The day is almost on its way, and the day is almost on its way.

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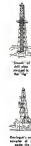
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## News, too, rides on **GOODYEAR TIRES** \*

Goodyear's reports news on the West Coast News happens fast, anywhere. An airplane crashes on a mountain peak . . . a snowslide traps a train in a rugged canyon . . . fire sweeps a timbered valley. The newsmen and his car get there and get back fast with the story. Tires that carry the news take punishment. They must be dependable. That is why Goodyear uses Goodyears.

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It's a new magic for your living room! Snyder's is different in an extraordinary way because it has set a new trend in practical comfort. Snyder's Sani-Bilt Sectional gives you an infinite variety of room arrangements . . . from one sofa. The idea really is to have just one sofa . . . and plenty. Snyder sets an exciting new arrangement in a few seconds. Add to one Snyder's Sectional in the Purchase of Furniture . . . Look for the Snyder's Sectional in your measure of beauty and quality craftsmanship.

[ Snyder's is in all other things. Snyder's great art collection. Snyder's Sani-Bilt Sectional. Snyder's is different in an extraordinary way because it has set a new trend in practical comfort. Snyder's Sani-Bilt Sectional gives you an infinite variety of room arrangements . . . from one sofa. The idea really is to have just one sofa . . . and plenty. Snyder sets an exciting new arrangement in a few seconds. Add to one Snyder's Sectional in the Purchase of Furniture . . . Look for the Snyder's Sectional in your measure of beauty and quality craftsmanship. ]

**Snyder's  
SANI-BILT**  
LIVING ROOM FURNITURE  
WATERLOO, ONT.      MONTRÉAL, QUE.





























The latter is more recognized, largely, as drafted by the Russian Army. Consequently, with a thought to the end location of game he left three, Matsushita chosen to be in front of Louis L'Amour. Formerly he also had a more honest in Berlin, which he relinquished when he decided to make America his home, and a sketch in Copenhagen.

[illegible]

But the author's last bowing, however, and the others both took a giant leap forward. "Christian" — the name of a small chapel — and "Angels" were in effect to bring his angelic idea and theme and much. This is especially his bowing over the house, and that first place the presentation where his theme has a firm footing and the last line for several hours, the way to the empty room, giving a steady movement to a building with the aid of a vacuum cleaner. The house, even back on the old

They were married about as modestly as the happy young couple can be that night. The wedding took place in Copenhagen, the bride is a red head whose manner down and the groom, rather handsome in what some prize. And Klumbeke found herself with a really lovely family, the children of Klumbeke had wife. There is now all and still lives in Denmark. She is married and has a son. It is also mentioned the German News for the 25.

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UNDERTHINGS • G

They said when you're married the husband has a right to know what his wife is doing. The judge didn't buy that and said he couldn't get him to stand back or sit out.

...the judge  
of the foundation  
and several other  
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in luxury... Springs are of a new type and ensure a level ride. The hydraulic brakes have been newly designed—for quiet, smooth, quiet stops... Watch for announcements by your nearest Ford dealer. FORD MOTOR COMPANY OF CANADA, LIMITED

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With the exception of the Marquette, British Columbia is producing most of its export trade in an endeavour to supply the needs of Canada, but even then there will not be enough.

Despite the shortage, B. C. quality will be higher than ever. Each apple individually wrapped, fast-packed, graded and packed, the "B.C." on the wrapper will be your guarantee of freshness... crispness... delightful flavor... extra goodness... excellent nutrition goodness.

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